Autosaved just now   ⊘ Edits visible only to you   Publish to project   ooo
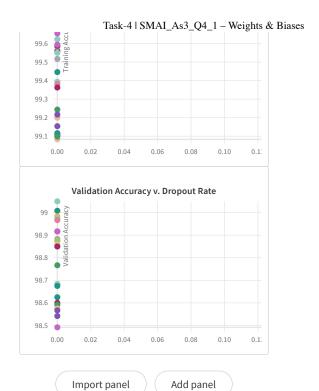
Task-4

Add a description...

Mitansh Kayathwal

We see that the CNN model trains very well for MNIST Dataset. Since CNN captures spatial information, it works very well on the MNIST-10 dataset and we are able to achieve validation accuracy exceeding 99% on validation dataset.

We observe higher validation accuracies for kernel size 5 than 3. We also see better accuracies for 0 dropout rate.

▾ Section 1

Training Accuracy

fine-wind-39
fluent-water-43
polar-firefly-41
mild-fire-42
twilight-violet-7
misunderstood-meadow-37
fragrant-disco-9
genial-eon-33
lemon-dream-31

Validation Loss

fine-wind-39
fluent-water-43
polar-firefly-41
mild-fire-42
twilight-violet-7
misunderstood-meadow-37
fragrant-disco-9
genial-eon-33
lemon-dream-31

Train Loss

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Training Accuracy v. Kernel Size

Validation Accuracy

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Validation Accuracy v. Kernel Size

Training Accuracy v. Dropout Rate

Validation Accuracy v. Dropout Rate

Import panel   Add panel